

L 26374-65

ACCESSION NR: AT4049964

samples from the verification series are given. The scintillation sondes were staged with type 61PK411 or type 61PK421 photomultipliers of VUVET, Prague, production. The estimates were made with a simple electronic device for scintillation detectors (of VZ-Industry production) and with a type ZVIL pulse counter. The background of the detector and the threshold sensitivity are given along with the properties of the α -detectors developed in Czechoslovakia. Orig. art. has: 4 tables and 1 formula.

ASSOCIATION: VZ-Premysleni (VZ Industry)

SUBMITTED: 00

ENCL: 00

SUB CODE: NP, EC

NO REF SOV: 000

OTHER: 001

Card 2/2

SMOLUKA, L. V.

✓ Synthesis of aliphatic-aromatic unsaturated alcohols—analogs of triphenylcarbinol. II. Aliphatic-aromatic analogs of triphenylmethane dyes. B. N. Dashkevich and I. V. Smolukha (State Univ., Uzhgorod), Ukrains. Khim. Zhurn., 19, 619-24 (1955); cf. C.A. 49, 14711g. Two new ketones were obtained: 1-phenyl-5-(*p*-dimethylaminophenyl)-1,4-pentadien-3-one (I), from BzH and *p*-Me₂N₂C₆H₄CH₂Cl₂Ac with NaOH, 85%, red, m. 155° (from EtOH), and 2-methyl-6-(*p*-dimethylaminophenyl)-2,5-hexadien-4-one (II), 59.8%, from *p*-Me₂N₂C₆H₄CHO and mesityl oxide in NaOH, red, m. 152.5° (from EtOH). Also obtained was 1,3-di-(*p*-dimethylaminophenyl)-5-phenyl-1,4-pentadien-3-ol (III), from I and PhNMe₂ with POCl₃, 20.5% blue-violet crystals, m. 92.5°. Concd. acid and III give first a green, then a yellow color, and neutralization restores the original color; cotton is dyed a claret with a violet shade. 1-Phenyl-5-(*o*-dimethylaminophenyl)-3-(*p*-phenylaminophenyl)-1,4-pentadien-3-ol, 52.5% from I and Ph₂NH and POCl₃, dark violet, was decolorized by mineral acids, imparted to cotton a gray-blue and with tannin a blue-green color. 1,3-Diphenyl-5-(*p*-dimethylaminophenyl)-1,4-pentadien-3-ol, 73.4% (as the chloride) was prepd. by Grignard reaction from I and Ph-MgBr, hydrolyzed and converted to the chloride; the picrate of the alc. was prepd., green, cryst., m. 116.5°. 2-Methyl-4-(*p*-phenylaminophenyl)-6-(*p*-dimethylaminophenyl)-2,5-hexadien-4-ol, 30.2%, m. about 105°, blue powder, from II, Ph₂NH, and POCl₃. 2-Methyl-4,6-di(*p*-dimethylaminophenyl)-2,5-hexadien-4-ol, 16.7% from II, PhNMe₂, and POCl₃, red, m. about 115°, imparts a lilac color to cotton, and a dark violet color with tannin mordant. Four dyes were obtained by condensation of the above described ketones with Ph₂NH and also with PhNMe₂ from the chlorides without sepn. of the corresponding alcs., each of

BUDIANKA, I. V., Master Chem Sci — "Synthesizing dyestuffs on the basis of unsaturated aliphatic-aromatic tertiary alcohol." Lvov, 1956, opp (Ukr Higher Educ Ukr SSR. Lvov State University im. Ivan Franko), 100 copies.
(KL, No 41, 1957, p.106)

SMOLANKA I. V.

USSR Organic Chemistry. Synthetic Organic Chemistry.

E-2

Abs. Jour: Ref Zhur-Khimiya, No 6, 1957, 19138

Author: Dashkevich B.N., Smolanka I. V.

Inst:

Title: Synthesis of Fatty Aromatic Unsaturated Alcohols -Analogs of Triphenylcarbinol. III. Fatty Aromatic Analogs of Triphenylmethane Dyes.

Orig Pub: Ukr. khim. zh., 1956, 22, No 3, 347-350

Abstract: Dyes of the general formula /4-(CH₃)₂NC₆H₄CH=CHC(R)-
(R')/ Cl, were obtained, where R=4-C₂H₅NHC₆H₄; R'=
C₆H₅CH=CHCH=CH (I); R=4-C₆H₅NHC₆H₄; R'=4-(CH₃)₂-
NC₆H₄CH=CH(II); R=4-CH₃OC₆H₄; R'=C₆H₅CH=CH(III); R=
=CH₂=CHCH₂; R'=C₆H₅CH=CH(IV). To 2 g. 4-(CH₃)₂-
NC₆H₄CH=CHCOR(V), R=C₆H₅CH=CHCH=CH (Va), in 25 cc
ClCH₂CH₂Cl(VI) and added 2 g. of POCl₃ and an equivalent
amount of C₂H₅NHC₆H₅, heated for 2 hours at 70-80°,

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cipitated by pouring in 30 cc of ether, purified by salt-
ing out from 10% alcohol, yield is 37.4%, m.p. 141-142°

USSR/Organic Chemistry. Synthetic Organic Chemistry.

E-2

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19138

is filtered off, yield 50%. I dyes cotton yarn to which a brownish-red color was previously imparted by tannin, and which is color-fast to light, II, III, and IV, into a navy-blue color. Report II see RZhKhim., 1957, 15322.

Card : 3/3

SOV/81-59-16-59067

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 16, p 483 (USSR)

AUTHORS: Kurishko, A.M., Kovach, S.S., Smolanka, I.V.

TITLE: The Preparation of a Thermoreactive Water-Soluble Resin for the Gluing of Veneer and Veneered Furniture Parts on the Base of Phenol and Formalin of the Wood-Pulp Chemical Plants of the Transcarpathian Region

PERIODICAL: Dokl. i soobshch. Uzhgorodsk. un-t, 1958, Nr 2, pp 85-86

ABSTRACT: The search is described of a method for increasing the yield of phenols from light creosote or flotation oil, boiling at $> 210^{\circ}\text{C}$, by means of thermal dealkylation and isomerization of higher phenols. The obtained phenols at condensation with formalin produce resins which have high gluing properties in the production of veneer and veneered furniture parts as well as in the manufacture of carpenter and construction plates made of sawdust and wood chips. The development of the technological process in the workshop for the production of resin is also described.

Card 1/1

Z. Ivanova.

SMOLANKA, I.V.; CHEKRIY, G.S.

Increasing the functionality of coupled phenols isolated from
creosote oil obtained in the thermolysis of beech wood. Gidroliz
i lesokhim.prom. 13 no.2:11-12 '60. (MIRA 13:6)

1. Uzhgorodskiy gosudarstvennyy universitet.
(Phenol condensation products)
(Creosote oil)
(Wood--Chemistry)

SMOLANKA, I.V.; KOVACH, S.S.

Propionic and butyric anhydrides from the waste products of the
acetic acid manufacture. Gidroliz. i lesokhim.prom. 14 no.3:15
'61. (MIRA 14:4)

1. Uzhgorodskiy gosudarstvennyy universitet.
(Acetic acid) (Propionic acid)
(Butyric acid)

SMOLANKA, I.V.; KHRIPAK, S.M.; STANINETS, V.I.

Derivatives of 4(5)-oxazolone and 4(5)-thiazolone. Part 1:
Reactions of the derivatives of monohalocacetic acid with some
acid amides and maleic anhydride. Ukr. khim. zhur. 30
no.3:265-267 '64. (MERA 17:10)

1. Uzhgorodskiy gosudarstvennyy universitet.

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CIA-RDP86-00513R001651710014-5"

SMOLANKA, I.V.; KIRIPAK, S.M.; LESHCHENKO, L.P.

Cyclization of dibromo-N-allylamides of some carboxylic acids.

Zhur. ob. khim. 34 no.10:3426-3427 O '64.

(MIRA 17:11)

1. Uzhgorodskiy gosudarstvennyy universitet.

KHRIPAK, S.M., CHALAIKA, I.V., and VAND, V.I.

Derivatives of 4(5)-oxazoles and 4(5)-thiazolone. Part 2: Reaction
of derivatives of haloacetic acids with some derivatives of mono-
and diacids. Ukr. khim. zhur. 30 no.6:618-619 '64. (MIRA 18:5)

Uzhgorodskiy gosudarstvennyy universitet i Institut organicheskoy
khimii AN UkrSSR.

SMOLANKA, I.V.; MIGALINA, Yu.V.; STAMINETS, V.I.

Intramolecular cyclization of esters of 8-quinolinol and
3-halosubstituted acids. Ukr. khim. zhur. 31 no. 11:1182-
1186 '65 (MIRA 19:1)

1. Institut organicheskoy khimii AN UkrSSR i Uzhgorodskiy
gosudarstvennyy universitet.

SMOLAR, V.

Research on protective forest belts with tests in wind tunnels.
p. 635. SBORNIK, RADA LESNICTVI. Praha. Vol. 28, no. 5, Oct. 1955

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, No. 7, July 1956.

M

Author: Czechoslovakia
Category: CULTIVATED PLANTS, COMMERCIAL, Oleiferous, Sugar-
Beetin;
Date: KFT/ZUR-SIOL, 21, 1953, NO. 96670

Author: Halus, J.; Smolarcik, A.
Title: Up-to-Date Facts on Planting Winter Rape in Spring

Year: 1953; Ma vysokou moci, 1953, 5, No. 6, 123-124

Report: No abstract

Page: 11

124

SMOLARCZYK, Bogdan

Possibilities of using the method of magnetic preparation
of water in the metallurgic industry. Problemy proj hut
maszyn ll no. 5: 158-160 My '63.

1. Biprostal, Krakow.

SMOLAREK, F.

Critical evaluation of methods of study of blood circulation in extremities. Polski przegl. chir. 24 no. 2:262-274 Mar-Apr 1952.
(CIML 23:3)

1. Of the Second Surgical Clinic (Head--Prof. K. Michejda, M. D.) of
Krakow Medical Academy.

SUREWICZ, Włodzimierz; SMOLAREK, Franciszek

Case of perforation of gastric ulcer in the course of acute trichinosis. Przegl. lek. 10 no.3:89-90 Mr '54.

1. Z II Kliniki Chorob Wewn. Akademii Med. w Gdansku. Kierownik: Prof. dr St. Wszelaki. 2. Z I Kliniki Chirurgicznej Akademii Med. w Gdansku. Kierownik: Prof. dr H. Kania.

(PEPTIC ULCER, perforation,
*compl., trichinosis)
(TRICHINOSIS, complications,
*peptic ulcer, perf.)

SMOLAREK, Franciszek; TEODORUK, Jozef

Leg ulcer. Pol. przegl. chir. 37 no.11:1150-1155 N '65.

1. Z Oddzialu Chirurgicznego I WSO w Warszawie (Kierownik:
Naukowy: dr. F. Smolarek).

POLAND / Chemical Technology, Chemical Products and Their
Application. Artificial and Synthetic Fibers.

H-32

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17776

Author : Smolarek, J.; Rozycski, A.

Inst : Not given

Title : Physico-Mechanical Properties of the "Steelon" Fiber
Thread as a Function of Changing Temperature

Orig Pub : Prace Inst. wlokienn., 1957, 7, No 26, 37-70

Abstract : Effect of temperature (ranging from -40 to 100°) on the
tensile strength, strength of a loop and of a knot,
elongation, elasticity of a raw and of a subjected to
fixation "steelon" thread (T) was studied on a pendulum
type dynamometer, enclosed in a special chamber. Sixteen
curves and 10 tables are presented. They indicate that
with increased temperature the specific strength of a raw
T is decreased and the elastic yield is increased. For

Card 1/2

POLAND/Chemical Technology. Chemical Products and H
Their Uses. Part IV. Artificial and Synthetic Fibers.

Abs Jour : Ref Zhur-Khimiya, No 15, 1958, 52271

Author : Smolarek, J., Rozycki, L.

Inst : Fiber Institute.

Title : Temperature Effect on Physical and Mechanical Properties of Steelon Threads.

Orig Pub : Przem. włokienniczy, 1957, 11, No 8, Biul.
Inst. włokien., 15.

Abstract : The effect of temperature on rupture strength and looped and knotted strength of moist threads (T) before and after the fixation was studied by means of a pendulum dynamometer isolated in a conditioned chamber. Tests

Card : 1/3

147

POLAND / Chemical Technology, Chemical Products and Their
Application. Artificial and Synthetic Fibers.

H-32

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 1777

Author : Smolarek, J.

Inst : Not given

Title : Physical Properties of "Steelon" Fiber Thread at
Different Temperatures

Orig Pub : Przegl. wlokienn., 1958, 12, No 1, 24-29

Abstract : No abstract given. See the preceding abstraction
and Ref Zhur - Khimiya, 1958, 52271

Card 1/1

L 16178-65

ACCESSION NR: AP4046512

stages set up for the least possible consumption of labor. The initial material is a bar drawn from steel or alloy of a hardness not exceeding 75 HB. The bar is cut into sectors of prescribed measurements (Fig. a) which are carefully pressed. The sections are placed in a special box and into an oven for heating for about 30 min at an optimum temperature for the given material. The hot sections are pressed on a mechanical press, forge, etc., equipped with a suitably formed bipartite tool and an automatic device for heating this tool. The blade locking piece is formed in the tool (Fig. 1-b [1]), yet the cross section (Fig. 1-b [2]) along the entire fin is the same and corresponds to the cross section at the base of the completed fin (Fig. 1-b [3]). The second stage of the operation is periodic rolling of the fin on a specially braced roller and application of the grooved rolls. The pressing and rolling is carried out at a constant and even temperature of about 400 C as in the case of the WB-17 alloy (Fig. 1-c). In the rolling traction the fin obtains the required tapering and twist. On completion of the rolling, the fin is trimmed (Fig. 1-d) and the locking piece is machined. Next, the finished blade undergoes heat treatment: pickling in an aqueous solution of caustic soda, rinsing in water of a temperature of 90 C, brightening in an aqueous solution of nitrous acid, and drying in a jet of hot air. To safeguard against warping during the treatment, the blade is put through the rolling mill for additional sizing. Orig. art. has: 4 figures.

Card 2/4

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710014-5

L 16178-65

ACCESSION NR: AP4046512

ASSOCIATION: AGH, Katedra Maszyn Hutniczych, Krakow (Department of Metallurgical
Machines, AGH)

SUBMITTED: 10Jun64

ENCL: 01

SUB CODE: PR, IE

NO REF SOV: 000

OTHER: 000

Card 3/4

APPROVED FOR RELEASE: 08/31/2001

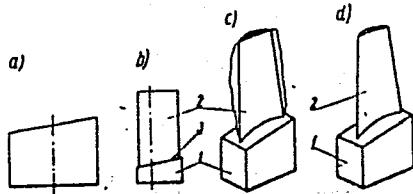
CIA-RDP86-00513R001651710014-5"

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710014-5

L 16178-65
ACCESSION NR: APLO46512

ENCLOSURE: 01



Card 4/4

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710014-5"

KUBISZ, J.; SMOLARSKA, I.

Meta-autunite from the Inner Sudeten Trough. Bul geolog PAN 8 no.1:
31-35 '60.

I. Department of Mineralogy and Petrography, School of Mining and
Metallurgy, Cracow. Presented by A. Bolewski.

(Autunite)

HEFLIK, Wieslaw; Smolarska, Irena

Hydrothermally altered rocks in the quartz vein in Sady near
Swidnica in Lower Silesia. Rocz geol Krakow 32 no.3:303-312
'62.

1. Department of Mineral Raw Materials, School of Mining and
Metallurgy, Krakow.

SMOLARSKA, J.

Designing the system of phantastrons. p. 298.

Vol. 28, no. 9, Sept. 1955

PRZEGLAD TELEKOMUNIKACYJNY. Warszawa.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956

SMOLARKA, J.

Physical properties of steelon monofilament at variable temperatures. p. 24.

PRZEGLAD WLOKIENNICKI. (Stowarzyszenie Inżynierow i Technikow Przemyslu Wlokienniczego) Lodz, Poland. Vol. 12, no. 1, Jan. 1958.

Monthly List of Fast European Accessions (EEAI) LC. Vol. 8, no. 7, July 1959.

Uncl.

SMOLARSKI, A

V 86. ROCK BURSTS IN THE UPPER SILESIAN COAL FIELD. Smolarski, A.
(Prace Głów. Inst. Górn. (Contr. chief Inst. Min., Stalingrad), ser. A, 1953,
Komunik. 145, 46pp.). A theoretical explanation is put forward, occurrences
in eight mines are described by several authors and preventive methods are
discussed. (L).

SKALARSKI, A.

SKALARSKI, A. Meter for thermal coefficients of induction and capacity,
Model 53-13031-2 p. 246.

Vol. 2, No. 7, July 1955

PRZEGLAD TELEWICZNIACYJNY

TECHNICZNY

Warszawa, Poland

To: Last European Accession, Vol. 5, No. 5, May 1956

SMOLARSKI, A.

The influence of the structure of the medium on the form of the stochastic equation. p. 27
(ARCHIWUM GORNICTWA. Vol. 1, no. 3, 1956, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 9 Sept. 1957 Uncl.

Smolarski, Andrzej.

POLAND/Radio Physics - Application of Radiophysical Methods

I-9

Abs Jour : Ref Zhur - Fizika, No 3, 1958, No 6713

Author : Smolarski, Andrzej

Inst : Not Given

Title : Molecular Frequency Standards

Orig Pub : Zesz. probl. nauki polsk., 1957, No 11, 186-191

Abstract : Survey article

Card : 1/1

Smolanski, A.

Mining of mineral raw materials. p. 15

PZEGIAD SPRAW MIEKCIĘ (Stowarzyszenie Inżynierów i Techników Mechaników Polskich)
Warszawa, Poland. Vol. 11, No. 10/11, Oct/Nov. 1959

Monthly List of East European Accessions (EHA) LC, Vol. 9, no.2, Feb. 1959

Uncla.

9(3)

POL/22-32-7-2/9

AUTHOR: Smolarski, Andrzej, Master of Engineering

TITLE: Generation of Molecules and Amplification of Microwaves

PERIODICAL: Przeglad Telekomunikacyjny, 1959, Vol 32, Nr 7, pp 192-199 (POLAND)

ABSTRACT: The author describes the theory and application of the "Microwave amplifier by stimulation of emitted radiation" (so called "Maser") stressing the low noise level resulting from this method of amplifying UHF. In the beginning he describes the physical properties and processes of molecular systems, the "relaxation mechanism" resulting from computations based on Boltzman's constant, conversion of the electromagnetic field into energy and vice versa, and then gives the basic parameters for molecular amplifiers and generators. Finally, as practical solutions, he describes the molecular beam maser, the ✓

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Generation of Molecules and Amplification of Microwaves

POL/22-32-7-2/9

hot-grid separator, pulse inversion, inversion by fast adiabatic passage and optical pumping. The article is based on 13 English-language and 1 German publication (given as references). There are 11 figures.

ASSOCIATION: Pracownia Drgan Elektrycznych IPPT PAN (Laboratory of Electric Oscillations, Polish Academy of Science).

Card 2/2

BODZIONY, J.; SMOLARSKI, A.Z.

Experimental investigations of loose bodies; from the aspect of the theory of the stochastic medium. Bul Ac Pol tech 8 no.3:139-144 '60.
(EEAI 9:11)

1. Laboratory of rheology, Institute of Basic Technical Problems,
Polish Academy of Sciences.
(Probabilities)
(Subsideness (Earth movements))

SMOLARSKI, A. Z.; TRUTWIN, W.

Analogue computer for solving equations of stochastic media. Bul Ac
Pol Tech 8 no.10:569-573 '60.

1. Laboratory of Rheology, Department of Mechanics of Continuous Media,
Institute of Basic Technical Problems, Polish Academy of Sciences and
Department of Hydromechanics, School of Mining and Metallurgy, Cracow.
Presented by J. Litwiniszyn.

LITOMSKI, Antoni; SMOLARSKI, Andrzej

Perspectives of technological progress in the Polich rock-salt
mining. Przem chem 39 no.6:301-303 Je '60.

SMOLARSKI, Andrzej, mgr inz.

Phase method of frequency control of normal generators by means of
a standard signal of 16 kc/s of a GBR station. Prace Inst. teletechn.
3 no.2:168-171 '59.

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710014-5

SMOLARSKI, Andrzej, mgr inz.

Concept of a new type of capacitor temperature coefficient measuring set. Prace Inst teletechn 5 no.4:85-91 '61.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710014-5"

SMOLARSKI, Andrzej, mgr inz. adiunkt

Calibration accuracy of frequency standards compared to the
international GBR standard-frequency signal. Prace Inst.
teletechn 6 no.2:3-10 '62.

1. Instytut Tele i Radiotechniczny, Warszawa.

SMOLARKSI, Andrzej Z.

Theory of stochastic medium with inclined stratification.
Zesz probl gorn 1 no. 2: 161-215 '64.

1. Laboratory of Rheology of the Department of Mechanics
of Continuous Media, Polish Academy of Sciences, Krakow.

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710014-5

KONIECZNY, Aniela, mgr inz.; SMOLARSKI, Andrzej, mgr inz.

Studies on temperature factor meters of capacity and induction.
Prace Inst teletechn 7 no.28135-144 '63

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710014-5"

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710014-5

Wojciech Klemensowicz, 40 years old.

Deputy manager of sulfur mining in Poland. Przegi
town 85 no. 181/7 - 29 Nida

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710014-5"

SMOLARSKI, A.

Free oscillation-frequency method for investigating quartz
resonators. Bul. Ac. Pol. tech. 12 no.6:431-438 '64.

I. Laboratory of Measurements of Stable Components, Institute of
Telecommunication and Radio Engineering, Warsaw. Presented by J.
Groszkowski.

P/005/62/000/048/003/004
D240/D307

AUTHORS: Smolarski, A. and Leszczyński, St., Masters of
Engineering

TITLE: Mining of raw chemicals and the development of
chemistry in Poland

PERIODICAL: Przegląd Techniczny, no. 48, 1962, 5, 8

TEXT: The present review is confined to anthracite, lignite, oil, natural gas, rocksalt, K salts, S, pyrites, anhydrite, phosphorites, barytes and limestone. Rational utilization of coal resources is as yet unresolved, and only a small fraction of the coals is passed on to the chemical industry. Although many salt mines are in operation, the great industrial demand has occasionally necessitated the importation of this material. The balance has now been restored by opening the mine 'Kłodawa', but further development of salt mining is necessary. For the past 2 years S ore has been mined at Piaseczno, and a conversion plant has been operated at Machow (near Tarnobrzeg). To realize the envisaged fourfold increase

Card 1/2

LITWINISZYN, J.; SMOLARSKI, A.Z.

On a certain solution of the equation $\gamma(\tau)v_t'(x, \tau) = Ar_{xx}'(x, \tau) + f[v(x, \tau)]$
[$v_x'(x, \tau)$] and its application to the problems of mechanics of
loose media. Bul. Ac Pol. tech 10 no.3:[147]-[153] '62.

J. Laboratory of Rheology, Institute of Fundamental Technical
Problems, Polish Academy of Sciences, Warsaw. Presented by
J.Litwiniszyn.

LITWINISZYN, J.; SMOLARSKI, A.Z.

A contribution to mechanics of quasi-stochastic bodies. Bul Ac
Pol tech 10 no.6:[309]-[313] '62.

1. Laboratory of Rheology, Department of Mechanics of Continuous
Media, Institute of Fundamental Technical Problems, Polish
Academy of Sciences, Warsaw. Presented by J.Litwiniszyn.

KWIRYSZKIEWICZ, R.; SKOLARSKI, A. J.; LITIWINSKI, W.

Calculation of subsidence trough profiles by means of an electric analog. Bul Ac Pol tech 12 no. 2:117-124 '64

1. Department of Mechanics of Rock Masses, Krakow, Polish Academy of Sciences, Laboratory of Rheology, Krakow, Institute of Fundamental Technical Problems, Polish Academy of Sciences and Department of Hydromechanics, School of Mining and Metallurgy, Krakow. Presented by J. Litwiniszyn.

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710014-5

M. LAMPKE, A.Z.

Contribution to the theory of mechanics of quasi-stochastic medium.
Troughs of parabolic shape. Ril Ar Pol tech 12 no.6:443-447 '64.

1. Laboratory of Mechanics, Krakow, Department of Mechanics of
Quasi-stochastic Media, Institute of Basic Technical Problems, Polish
Academy of Sciences. Presented by J. Litwinski.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710014-5"

LITWINISZYN, J., SMOLARSKI, A.

Smoluchowski's system of equations and its application in
mechanics of loose media. Bul Ak Pol tech 12 no.8, 501-607 '64.

1. Laboratory of Rheology in Krakow of the Institute of Basic
Technical Problems of the Polish Academy of Sciences.

SMOLARSKI, Kasimierz

Cases of intestinal rupture in cancer of the colon. Polski
przegl. chir. 28 no.8:769-771 Aug 56.

l. Mikolow, Szpital Miejski.
(COLON, neoplasms,
rupt. (Pol))

SMOLARSKI, Kazimierz

Repair of post-resection defect of the colon by a small intestine graft. Polski przegl. chir. 31 no.10:1119-1123 Oct 59.

1. Ze Szpitala Miejskiego w Mikolowie.
(COLON, surg.) (INTESTINE, SMALL, transpl.)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710014-5

SMOLAREK, M.

"Poszukiwacze złota" (Explorers of gold), by M. Smolarek. Reported in
New Books (Nowe Książki), No. 15, August 1, 1955

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710014-5"

SMOLARSKI, MIECZYSLAW

GEOGRAPHY & GEOLOGY

SMOLARSKI, MIECZYSLAW. Dawna Polska w opisach cudzoziemcow. Nasza Ksiegarnia, 1958. 228 p. MIDW Not in DLC

Monthly List of East European Accessions (EEAI), LC, Vol. 8 No.5,
May 1959, Unclass.

POLAND/Human and Animal Physiology (Normal and Pathological).
Heart.

T-4

Abs Jour : Ref Zhur - Biol., No 16, 1958, 74741

Author : Gorski, Janusz; Smolarz, Wojciech

Inst : -

Title : Influence of Pneumothorax on the Ballistocardiogram.

Orig Pub : Polski tygod. lekar., 1957, 12, No 33, 1273-1276

Abstract : After application of pneumothorax an increase was observed
of the number of BCG with changes of I-III degrees accord-
ing to the Brown classification.

Card 1/1

- 53 -

SMOLARZ, Wojciech; GOIAB, Wieslaw

Unusual complications of massive hydronephrosis. Polski tygod.
lek. 14 no.22: 1014-1016 1 June 59.

1. (Z II Kliniki Chorob Wewnetrznych Slaskiej A. M. w Zabrusz;
kierownik: prof. dr Witold Zahorski i II Kliniki Chirurgicznej
Slaskiej A. M. w Zabrusz; kierownik: prof. dr Jozef Gasinski)
Otrzymano 1.VIII. 1958; adres: Zabrze, ul. Armii Ludowej 48.

(HYDRONEPHROSIS, compl.
hypertension & polycythemia vera in massive hydronephrosis,
remission after surg. (Pol))

(HYPERTENSION, case reports
in massive hydronephrosis with polycythemia vera, re-
mission after surg. (Pol))

(POLYCYTHEMIA, VERA, case reports
in massive hydronephrosis with hypertension, re-
mission after surg. (Pol))

SMOLARZ, Wojciech

Significance of electrocardiographic studies in the diagnosis of
chronic cardio-pulmonary syndrome. Polski tygod.lek. 15 no.14:509-
511 4 Ap '60.

1. z II Kliniki Chorob Wewnetrznych Slaskiej A.M.; kierownik: prof.
dr W. Zaborski.
(PULMONARY HEART DISEASE diag.)
(ELECTROCARDIOGRAPHY)

SMOLARZ, Wojciech

Analysis of spatial vectors and supplementary unipolar leads in ECG
of previous infarcts of the posterior cardiac wall. Polskie arch.
med. wewn. 31 no.5:681-689 '61.

l. Z II Kliniki Chorob Wewnętrznych Śląskiej AM w Zabrzu Kierownik:
prof. dr med. W. Zahorski.

(MYOCARDIAL INFARCTS diag) (ELECTROCARDIOGRAPHY)

KUJAWSKA, Aleksandra; SMOLARZ, Wojciech

The resaturation time as an oximetric index of impaired respiratory efficiency in emphysema. Pol. arch. med. wewnet. 32 no.8:941-949 '62.

l. Z II Kliniki Chorob Wewnetrznych Sl. AM w Zabrze Kierownik: prof.
dr med. W. Zahorski.
(OXIMETRY) (EMPHYSEMA) (RESPIRATORY FUNCTION TESTS)

KUJAWSKA, Aleksandra; SMOLARZ, Wojciech

Value of the evaluation of resaturation disorders in silicosis
as the index of co-existing emphysema. Pol. arch. med. wewnet.
32 no.8:951-956 '62.

1. Z Działu Klinicznego Instytutu Medycyny Pracy w Przemyśle Węglowym
i Hutniczym i II Kliniki Chorób Wewnętrznych Sz. A.M. w Zabrzu
Kierownik: prof. dr med. W. Zahorski.
(OXIMETRY) (SILICOSIS) (EMPHYSEMA)
(RESPIRATORY FUNCTION TESTS)

DWORNICZA, E.; JASIEŃSKA, A.; SMOLARZ, W.; WAWRYK, R.

Attempted determination of fetal reactions to acoustic stimuli.
Otolaryng. pol. 17 no.4:372-373 '63.

1. z Kliniki Laryngologicznej Sz. Akademii Medycznej. Kierownik:
prof.dr. T.Gajypek.

SMOLARZ, Wojciech; FIRLEJ, Eugeniusz

Prognostic role of an elevated ST wave in myocardial infarction. Pol. arch. med. wewnet. 34 no.2:201-204 '64.

1. Z Kliniki Chorob Wewnetrznych i Zawodowych Sl. AM w Zabrzu;
kierownik: prof.dr.med. W.Zahorski.

SMOLARZ, Wojciech

The usefulness of the potassium test in differentiating electrocardiographic changes during the repolarization period.
Pol. arch. med. wewnetr. 34 no.1:65-67 '64

1. Z Kliniki Chorob Wewnetrznych i Zawodowych Sl. AM w
Zabrze. Kierownik: prof. dr med. W. Zahorski.

*

SMOLARZ, Wojciech

Polycardiographic studies in chronic pulmonary diseases and
cor pulmonale. Pol. arch. med. wewnet. 34 no.11:1457-1460
'64.

1. Z Kliniki Chorob Wewnetrznych i Zawodowych Slaskiej
Akademii Medycznej w Zabrze (Kierownik: prof. dr. med.
W. Zahorski).

SMOLANZ, Wojciech

Polycardiographic evaluation of sub-phases of ventricular con-
tractions in heart diseases. Pol. tyg. lek. 20 no.10:340-342
8 Mr '65

1. z Kliniki Chorob Wewnętrznych i Zawodowych Śląskiej Akademii
Medycznej w Zabrzu (Kierownik: prof. dr. med. Witold Zahorski).

SMOLARZ, Wojciech; KUJAWSKA, Aleksandra

Oxymetric estimation of the lung-ear time as a method of studying disturbances of pulmonary circulation. Pol. arch. med. wewnet. 35 no.2:217-220 '65

1. Z Kliniki Chorob Wewnętrznych i Zawodowych Śląskiej Akademii Medycznej w Zabrzu.(Kierownik: prof. dr. med. W.Zahorski).

SMDLAF, Wojciech; PLAMECKI, Jozef

behavior of digitalis-induced experimental arrhythmia in dogs
as influenced by changes in serum calcium and potassium levels.
Pol. arch. med. wetnet. 35 no.7:987-991 '65.

I. z Kliniki Chorob Wewnętrznych i Zawodowych Śląskiej AM
(Kierownik: prof. dr. med. W. Zahorski) i z Kliniki Chirur-
gicznej Śląskiej AM (Kierownik: prof. dr. med. S. Szyszko).

SEGAL, Paweł, prof. dr. med.; SMOLARZ-DUDAREWICZ, Jadwiga

Research on the use of glycerol in glaucoma. Klin. oczna 35
no.2:199-206 '65.

1. z Kliniki Chorob Oczu w Łodzi (Kierownik: prof..dr. med.
P. Segal).

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710014-5

ПОДЛИННО, Ч. П.

Blood

Case of spontaneous hypoglycemia. Nevr. i psich., 20, No. 5, 1951.

Monthly List of Russian Accessions, Library of Congress, April 1952. UNCLASSIFIED.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710014-5"

SMOL'CHENKO, I.P., podpolkovnik med. sluzhby

Neurological disorders during the early stages of obliterating endarteritis and their dynamics under therapy in Pyatigorsk. Voen.-med. zhur. no.6:19-21 Je '58.

(MIRA 12:7)

(ARTERIOSCLEROSIS OBLITERANS, pathol.

neural. disord. (Rus))

(CENTRAL NERVOUS SYSTEM--DISEASES

in arteriosclerosis obliterans (Rus))

SMOL'CHENKO, I.P.; SIGOLAYEV, I.Z.

Method for treating diseases of the brachial plexus at the Pyatigorsk Health Resort. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 2:166-168 Mr-Ap '61. (MIRA 14:4)

1. Iz Pyatigorskogo santoriya Ministerstva obrony SSSR
(Nachal'nik A.N. Semichev).
(BRACHIAL PLEXUS---DISEASES)

OFNER, E., Dr.; SMOLCIC, Jv., dr.

Systematic bronchoscopy. Tuberkuloza, Beogr. 8 no.3-4:
231-234 May-Aug 56.

1. Iz Otorinolaringoloskog i Tuberkulognog odjeld Opce bolnice
u Sibeniku.

(BRONCHOSCOPY,
serial (Ser))

OFNER, E.;dr; SMOLCIC, Vj., dr.

The importance of pulmonary teams in our hospitals. Lijec.vjes.
76-no.9-10:568-570 1954.

1. Iz Tuberkuloznog i Otorinolaringoloskog odjela Opce bolnice u
Sibeniku.

(LUNGS, dis.

diag., role of team work in hosp.(Ser))

(HOSPITALS,

team work in diag., of lung dis.(Ser))

1. Date: 1961
2. Location: Moscow, Russia

3. Pub. date: 1 Sept. 1961 (Mos.-Kommunist) No. 71611

4. Author: S. S. S. [Signature]

5. Title: Composition and calorific value of canned fish, f-t-f.

6. Org. pub.: Sov. Akad. Nauk, Moscow, 1961; 1962
Pub. date: 1961

7. Content: Composition and calorific value of canned fish manufactured in most years.

8. Card no.: 11

H-182

SMOLČIĆ-ZERDIK, Z.

Journal of Applied Chemistry
March 1954
Fibres

L. E. M. /M. J.
Anticorrosive paints for transport vehicles. Z. Smolčić-Zerdik
(Kem. Industr., Zagreb, 1953, 2, 292-299). The importance of
protecting transport equipment against deterioration due to
atmospherics is emphasised. Various kind of paints and their
application are described.
O. PÖRTER

SMCICIC_ZERDIK, Z.

Development and improvement of the lacquer and dye industries abroad and
in the U.S. Izvestaji. p. C-30. KEMJA U INDUSTRiji. Vol. 3, No. 12,
Dec. 1954. Beograd.

SOURCE: East European Accessions List (EEAL), Library of Congress,
Vol. 4, No. 12, December 1955.

SYOLCNOP, V.

"Wage system reform for technical and administrative workers in coal mining industry." p. 93.

UHLI. (Ministerstvo paliv). Praha, Czechoslovakia, Vol. 1, No. 3, Mar. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

SMOLDAS, M.

"Radio Day." P. 277.

SLABOPROUDY OBZOR. (Ministerstvo presneho strojirenstvi, Ministerstvo spoju a Vedecka technicka spolecnost pro elektrotechniku pri CSAV). Praha, Czechoslovakia, Vol. 20, No. 5, May 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

SMOLDAS, Z.

"Discussion on Flying." p. 6,
(KRIDLA VLASTI, No. 1, Jan. 1955, Praha, Czechoslovakia)

SU: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

USSR/Physics - Phenomenics

21 Oct 51

"Equation of Motion of a Suspended Solid in Tubes
in the Case of Isothermal Air Current," A. Ye.
Savolyrev, Inst of Mining, Acad Sci USSR

"Dok Ak Nauk SSSR" Vol LXXX, No 6, pp 861-864

Attempts to investigate theoretically the motion of
solid materials in pipe conduits taking into con-
sideration the variable density of the air along
their length. Results of computations are in agree-
ment with C. Fritsle (The Colliery Guardian, 20
Dec 1946. The final formula derived permits one

21790

to design pneumatic transportation installations
from the most convenient parameters (pressure, air
output, etc.). Submitted 21 Jul 51 by Acad A. A.
Skochinsky.

21790

SMOLDYREV, A. YE.

USSR/Engineering - Hydraulics, Pipes Nov 51

"Flow of Compressed Air in Inclined Pipelines,"
A. Ye. Smoldyrev, Inst of Mining, Acad Sci USSR

"Dok Ak Nauk SSSR" Vol LXXXI, No 2, pp 165,166

Analyzes air motion (descending and ascending) in inclined pipelines used in pneumatic installations for conveying crushed rocks, and develops formulas for calcg air consumption. Numerical example illustrates application of eqs of compressed air motion. Submitted by Acad A. I. Nekrasov.

199T30

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REVIEWED AND APPROVED FOR RELEASE UNDER THE E.O. 13526 AUTOMATIC DECLASSIFICATION SCHEDULE.
DATE: 10 MAY 2011 BY: [REDACTED] (Signature) FOR THE DIRECTOR
OF CENTRAL INTELLIGENCE AGENCY

3 : TECHNICAL DATA INDIA, JANUARY-DECEMBER 1952

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CIA-RDP86-00513R001651710014-5"

SMOLDYREV, A. YE:

USSR/Engineering - Hydraulics, Pipelines 21 Jan 52

"On Resistance to Motion in Pneumatic Conveyance of Heavy Materials," A. Ye. Smoldyrev, Inst of Mining, Acad Sci USSR

"Dok Ak Nauk SSSR" Vol LXXXII, No 3, pp 349-350

Develops approx formula for detg coeff of resistance to motion in horizontal pipelines during conveying heavy lump materials such as crushed rocks, e.g., clay slates and sandstone, of 0.-80 mm granulometric compn. Submitted by Acad A. I. Nekrasov.

211T53

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710014-5

SMOLDYREV, A.Ye.; TERPIGOREV, A.M., akademik.

Pneumatic transportation of filling materials. Izv. AN SSSR Otd. tekh. nauk
no.8:1118-1121 Ag '53.

(MLR 6:8)

(Pneumatic-tube transportation) (Mine haulage)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710014-5"

Joint Index v. C.R.
USSR

2924. Smoldyrev, A. E. Various rules applying to the pneumatic transportation of filling materials through pipes (in Russian), *Dokladi Akad. Nauk SSSR (N.S.)* 95, 3, 469-472, Mar. 1954.

Paper shows that the equation for the pressure drop commonly adopted in considerations of pneumatic transportation is far from satisfactory for many materials. An attempt is made to find general rules applying to the forces of resistance in the case of pneumatic transportation of granular filling materials. The general form of the law of resistance is deduced by methods based on considerations of similarity. Experimental data are used in order to determine the coefficient of resistance.

J. Berdnek, Czechoslovakia

SMOLDYREV, Anatoliy Yevtikhievich; VORONINA, L.D., otvetstvennyy
redaktor; ANDREEV, G.O., tekhnicheskiy redaktor; NADEINSKAYA,
A.A., tekhnicheskiy redaktor; ALADOVA, Ye.I., tekhnicheskiy redaktor

[Hydraulic and pneumatic transportation in coal establishments]
Gidravlicheskiy i pnevmaticheskii transport na ugol'nykh
predpriatiakh. Moskva, Ugletekhizdat, 1956. 290 p. (MLRA 10:4)
(Coal--Handling machinery)

SMOLDYREV, A.Ye.

Navigation on canals. Rech.transp. 15 no.5:26-28 My '56.
(MLRA 9:8)
1. Nachal'nik sudokhodnoy inspeksii Dono-Kubanskogo basseyna.
(Inland navigation).

AUTHOR: Smoldyrev, A. Ye. (Moscow)

24-9-29/33

TITLE: On the movement of air mixtures in pipes. (O dvizhenii aerosmesey v trubakh).

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Tekhnicheskikh Nauk, 1957, No.9, pp. 154-156 (USSR)

ABSTRACT: In solving problems of pneumatic transportation usually a uniform steady state flow of the mixture is considered which is determined by averaging its hydraulic characteristics. Particularly, the dimensionless coefficient of resistance of the movement of the air mixture, λ_{mix} , averaged in the transverse cross section, is frequently expressed by means of a weight concentration coefficient of the mixture μ (ratio of the weight of the material q to the weight of the air Q per unit of time) as follows:

$$\frac{\lambda_{\text{mix}}}{\lambda_0} = 1 + \varphi\mu \quad (\varphi = \text{const}) \quad (1)$$

where λ_0 is a dimensionless resistance coefficient of movement of pure air; the constant φ depends on the Reynolds number, the ratio of the transverse cross

Card 1/3 section of the particles to the pipe dimensions and on

SPIVAKOVSKIY, A. O., Corresponding Member Acad. Sci. USSR. and SMOLDYREV, A. Ye., Cand. Tech. Sci.

"Stationary and Mobile Pneumatic Flushing Installations for Non-ferrous Metal Mines." in book Problems in the Exploitation of Mineral Ore Deposits, Moscow, Izd.-vo. AN SSSR, 1958, 251 pp.

The authors describe techniques and machinery used in silting mines to prevent subsidence, and offer suggestions for the further mechanization of this process.

SHOLDYREV, Anatoliy Yevtikhayevich; VORONYUK, A.S., kand.tekhn.nauk, red.;
KANOVSKAYA, M.R., red.izd-va; EVENSON, I.M., tekhn.red.

[Mechanization of filling work during mine operation] Mekhanizatsiya
zakladochnykh rabot pri razrabotke rudnykh mestorozhdenii. Moskva,
Gos. nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoy metallurgii,
1958. 275 p.

(MIRA 11:4)

(Mining engineering)

SOV/118-58-2-7/19

AUTHOR: Smoldyrev, A.Ye., Candidate of Technical Sciences

TITLE: Small-Sized Mobile Pneumatic Rubbish-Transporting Machines
(Malogabaritnyye perenosnyye pnevmaticheskiye zakladochnyye
mashiny)

PERIODICAL: Mekhanizatsiya trudoyemkikh i tyazhelykh rabot, 1958, Nr 2,
pp 20-23 (USSR)

ABSTRACT: The author proposes the use of small-sized mobile pneumatic
rubbish-transporting machines with loading funnels, instead
of the expensive and complicated drum-type machines used at
present in England, Germany and the Soviet Union. He de-
scribes two such types, one - built on the jet-pump principle
and the other - on the pneumatic gun principle, presently in
use at the Rio-Tinto copper mine (Spain). The first type
constructed by the Institut gornogo dela AN SSSR (the In-
stitute of Mining Engineering of the AS USSR) (Figure 1)
consists of 2 main parts: a loading funnel with a jet and a
rubbish-conducting pipeline limited to 60 to 80 m in length.
Another version (Figure 2) of this machine permits the de-
livery of the rubbish through a 120-150 m long horizontal
pipeline. The author also describes the machine in use at

Card 1/2

SOV/118-58-2-7/19

Small-Sized Mobile Pneumatic Rubbish-Transporting Machines

the Rio-Tinto copper mines and recommends the introduction of both machines in Soviet mines. A description of the machine constructed by the firm "Gats emag" is also given. There are 4 diagrams.

1. Mining engineering 2. Machines--Operation

Card 2/2

SPIVAKOVSKIY, A.O., prof.; SMOLDYREV, A.Ye., kand.tekhn.nauk

Improving hydraulic and pneumatic mine haulage and tasks in research.
Nauch. dokl. vys. shkoly; gor. delo no.3:202-208 '58.
(MIRA 11:9)

1.Predstavlena kafedroy rudnichnogo transporta Moskovskogo gornogo
instituta im. I. V. Stalina. 2.Chlen-korrespondent A.N. SSSR (for
Spivakovskiy)

(Mine haulage) (Hydraulic mining)
(Pneumatic-tube transportation)

SOV/118-58-12-16/17

AUTHOR:

Smoldyrev, A.Ye., Candidate of Technical Sciences

TITLE:

Engineering Abroad ('Tekhnika za rubezhom). The Pipe-Line Transportation of Bulk Goods Over Long Distances (Truboprovodnyy transport massovykh gruzov na bol'shiye rasstoyaniya)

PERIODICAL:

Mekhanizatsiya trudoyemkikh i tyazhelykh rabot, 1958,
Nr 12, pp 45 - 47 (USSR)

ABSTRACT:

This is a description of the transportation over long distances of bulk goods (coal) in the US. There are 2 diagrams.

Card 1/1

SMOLDYREV, A.Ye.

Compressed air haulage of coal from mines to the surface. Mauch.
trudy MGI no. 20:289-301 '58. (MIRA 11:8)
(Coal handling)
(Pneumatic tube transportation)

NIKOLIN, A.V.; BELOV, A.P., kapitan-nastavnik; VARLAMOV, I.S., kapitan-nastavnik; KOSMACHEV, I.K., kapitan-nastavnik; SARATOV, V.F., kapitan-nastavnik; SHMONIN, M.I., kapitan-nastavnik; BEKMAN, A.A., kapitan; DRUZHININ, A.V., kapitan; IVANIKA, B.F., kapitan; POLETAYEV, L.A., kapitan; VESHCHILOV, K.A.; VYKHODTSEV, P.X.; SMOLDYREV, A.Ye.; VERESHCHAGIN, Ya.A.; SUTYRIN, M.A.; SAVOSTIN, N.D.; FILYASOV, K.A.; GOLOVUSHKIN, M.P.; IVANOV, A.I.; FILYASOV, K.A., otv.za vypusk; ALEKSEYEV, V.I., red.izd-va; YERMAKOVA, T.T., tekhn.red.

[Rules of navigation on R.S.F.S.R. inland waterways] Pravila plavaniia po vnutrennim vodnym putiam RSFSR. Vvedeny v deistvie s 1 marta 1959 g. prikazom ministra rechnogo flota no.28 ot 11 fevralia 1959 g. Moskva, Izd-vo "Technoi transport," 1959. 124 p. (MIHA 13:6)

1. Russiia (1917- R.S.F.S.R.) Ministerstvo rechnogo flota. 2. Glavnnyy revizor po bezopasnosti sudokhodstva (for Nikolin). 3. Nachal'niki basseynovykh sudokhodnykh inspeksiy (for Veshchilov, Vykhodtsev, Smoldyrev). 4. Rabotniki Upravleniya glavnogo revizora po bezopasnosti sudokhodstva (for Vereshchagin, Sutyrin, Savostin, Filyasov). 5. Glavnoye upravleniye vodnykh putey i gidrotekhnicheskikh sooruzheniy (for Golovushkin).

(Inland navigation--Laws and regulations)

SMOLDYREV, Anatoliy Yevtikheyevich; YERMOLENKO, M.I., red.; AVSEYENOK,
A.F., red.izd-va; VAYNSHTEYN, Ye.B., tekhn.red.

[Haulage by pipelines in mining] Truboprovodnyi transport
v gornoj promyshlennosti. Moskva, Gos.nauchno-tekhn.izd-vo
lit-ry po chernoi i tsvetnoi metallurgii, 1959. 503 p.
(MIRA 12:8)

(Mine haulage) (Pneumatic tube transportation)
(Hydraulic mining)

SMOLDYREV A.YE

ALEKSANDROV, B.F., inzh.; BALYKOV, V.M., inzh.; BARANOVSKIY, F.I., inzh.; BOGUTSKIY, N.V., inzh.; BUN'KO, V.A., kand.tekhn.nauk, dotsent; VAVILOV, V.V., inzh.; VOLOTKOVSKIY, S.A., prof., doktor tekhn.nauk; GRIGOR'YEV, L.Ya., inzh.; GRIDIN, A.D., inzh.; ZARMAN, L.N., inzh.; KOVALEV, P.F., kand.tekhn.nauk; KUZNETSOV, B.A., kand.tekhn.nauk, dotsent; KUSNITSYN, G.I., inzh.; LATYSHEV, A.F., inzh.; LEYBOV, R.M., doktor tekhn.nauk, prof.; LEYTES, Z.M., inzh.; LISITSYN, A.A., inzh.; LOKHANIN, K.A., inzh.; LYUBIMOV, B.N., inzh.; MASHKEVICH, K.S., inzh.; MALKHAS'YAN, R.V.; MILOSERDIN, M.M., inzh.; MITNIK, V.B., kand.tekhn.nauk; MIKHAYEV, Yu.A., inzh.; PARAMONOV, V.I., inzh.; ROMANOVSKIY, Yu.G., inzh.; RUBINOVICH, Ye.Ye., inzh.; SAMOILYUK, N.D., kand.tekhn.nauk; SMEKHOV, V.K., inzh.; SMOLDYREV, A.Ye., kand.tekhn.nauk; SNAGIN, V.T., inzh.; SNAGOVSKIY, Ye.S., kand.tekhn.nauk; FEYGIN, L.M., inzh.; FRENKEL', B.B., inzh.; FURMAN, A.A., inzh.; KHORIN, V.N., dotsent, kand.tekhn.nauk; CHETVEROV, B.M., inzh.; CHUGUNIKHIN, S.I., inzh.; SHELKOVNIKOV, V.N., inzh.; SHIRYAYEV, B.M., inzh.; SHISHKIN, N.F., kand.tekhn.nauk; SHPIL'BERG, I.L., inzh.; SHORIN, V.G., dotsent, kand.tekhn.nauk; SHTOKMAN, I.G., doktor tekhn.nauk; SHURIS, N.A., inzh.; TERPIGOREV, A.M., glavnyy red.; TOPCHIYEV, A.V., otv.red.toma; LIVSHITS, I.I., zamestitel' otv.red.; ABRAMOV, V.I., red.; LADYGIN, A.M., red.; MOROZOV, R.N., red.; OZERNOY, M.I., red.; SPIVAKOVSKIY, A.O., red.; FAYBISOVICH, I.L., red.; ARKHANGEL'SKIY, A.S., inzh., red.;

(Continued on next card)